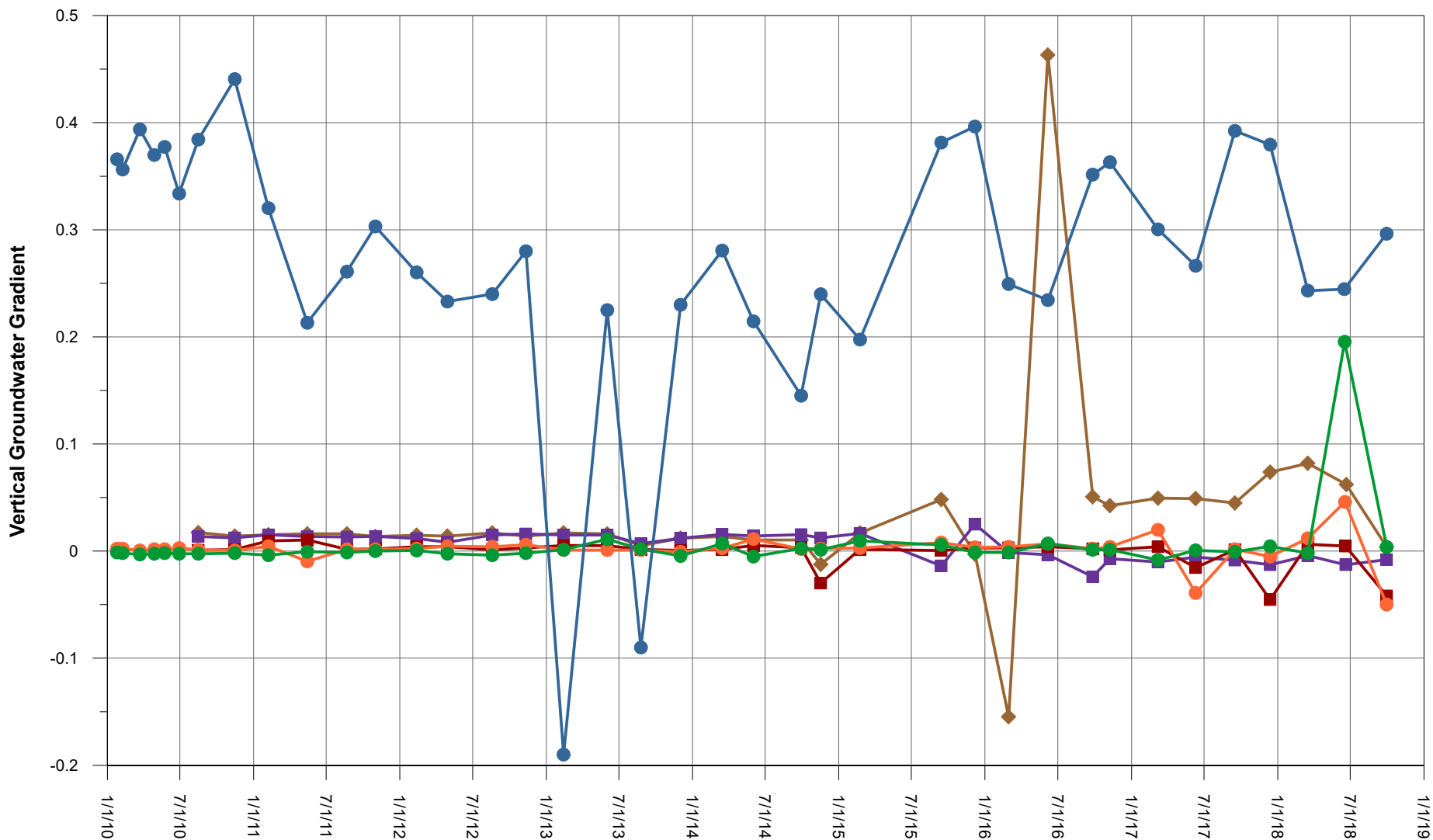


Appendix D

Groundwater Gradient Trends



Legend:

- MW-25/MW-32, Shallow to Intermediate Zone
- MW-3/MW-33, Shallow to Intermediate Zone
- MW-29/MW-34, Shallow to Intermediate Zone
- MW-29/MW-38, Shallow to Deep Zone
- MW-15/MW-40, Shallow to Deep Zone
- ◆ MW-37/MW-41, Intermediate to Deep Zone

Notes:

Vertical groundwater gradients are dimensionless. Positive values indicate a downward flow direction, while negative values indicate an upward flow direction. In the vicinity of MW-25 and MW-32, a silt layer is approximately 20' below ground surface, and could account for larger vertical gradient. 1Q 2013 and 3Q 2013, the MW-25/MW-32 vertical gradient shifted from a downward gradient to upward gradient. The associated O&M reports cited numerous high level alarm errors during the 1Q 2013 period that shut the extraction system down, and possible human error as reasons for the change. Suspect measurement at MW-37 in 2Q 2016. Suspect measurement at MW-3/MW-33 in 2Q 2018.

FIGURE D-1
Vertical Groundwater Gradient Trends
 Former J.H. Baxter Wood Treating Facility
 Arlington, Washington